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Theresa Sherwood

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12/04/2006

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EXAMINER

BURGESS, BARBARA N

ART UNIT

PAPER NUMBER

2157

DATE MAILED: 12/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/040,396

Applicant(s)

SHERWOOD ET AL.

Examiner

Barbara N. Burgess

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2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 08 September 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 21,24-34 and 48 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 21,24-34 and 48 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

This Office Action is in response to Amendment filed September 8, 2006. Claims 22-23 have been cancelled as requested by Applicant. Claims 21, 24-34 and 48 are presented for further examination.

#### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 21-34, 48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Anuff et al. (hereinafter "Anuff", US Patent 6,327,628 B1) in view of Warnock et al. (hereinafter "War", US Patent Publication 2004/0148274 A1).

As per claim 21, Anuff discloses a customizable application system comprising:

- An application execution system configured to support an internet application (column 2, lines 1-10, column 3, lines 5-20);
- A user interface generator operable to generate an application user interface including a user interface element, the application user interface being configured as an interface between the internet application and a client and being configured for delivery to the client over a computer network, the user interface element including a

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find command that is user customizable with respect to a scope of data to be searched (column 4, lines 16-30, column 6, lines 60-67);

- Metadata characterizing the find command (column 6, lines 35-47);
- A data repository including a data record further characterizing the find command, the data record being user modifiable in response to receiving input from a user defining a property for the user customizable find command and being accessible using the metadata, the property specifying the scope of the data to search (column 9, lines 30-35, column 11, lines 15-35).
- Wherein the application user interface is automatically generated in response to a request from the client and configured with the property for the find command (column 9, lines 56-61, column 14, lines 27-28).

Anuff does not explicitly disclose:

- The scope of data to be searched customizable to include one of all results of a previously-executed query, a subset of the results of the previously-executed query, and only the results of the previously-executed query that are displayed in the application user interface;
- Wherein the user interface is operable to display an amount of data in response to the previously-executed query;
- Wherein the find command is operable to execute a search within the scope of data with respect to the result of the previously-executed query.

However, in an analogous art, War discloses users performing searches with results of previous searches. War further teaches using a GUI to locate specific regions (paragraphs [0112, 0223, 0233]).

Therefore, one of ordinary skill in the art at the time the invention was made would have found it obvious to incorporate or implement War's search of previously-executed query and user interface operable to execute search in Anuff's system allowing the user to reduce documents to exactly what they need to find.

As per claim 22, Anuff discloses the customizable application system of claim 21, wherein the data searched is a result of a query or is a result of a find command (column 11, lines 48-55).

As per claim 23, Anuff discloses the customizable application system of claim 21, wherein the find command is alternatively customizable to search data displayed in the application user interface or to search all rows associated with a result, a subset of all rows being displayed in the application user interface (column 8, lines 1-5).

As per claim 24, Anuff discloses the customizable application system of claim 21, wherein the application user interface is configured for display at the client using standard web browser protocols (column 13, lines 55-67).

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As per claim 25, Anuff discloses the customizable application system of claim 21, further including a personalization system configured to modify the data record (column 4, lines 6-11).

As per claim 26, Anuff discloses the customizable application system of claim 21, wherein the application user interface is configured for display at the client using features of a web browser, the features not requiring a browser add-on, plug-in, or extension (column 2, lines 60-67).

As per claim 27, Anuff discloses the customizable application system of claim 21, wherein the find command is configurable according to an identity of the client or to an identity of a user. (column 8, lines 25-35)

As per claim 28, Anuff discloses the customizable application system of claim 21, further including means for generating the application user interface using the metadata (column 13, lines 40-60).

As per claim 29, Anuff discloses the customizable application system of claim 21, further including an application server configured to support the internet application (column 14, lines 3-7).

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As per claim 30, Anuff discloses the customizable application system of claim 21, further including an other application user interface having the find command, wherein the data record is configured to characterize the find command in both the application user interface and the other application user interface (column 14, lines 15-25).

As per claim 31, Anuff discloses the customizable application system of claim 21, wherein a customizable state of the find command persists from one use of the application user interface to another use of the application user interface (column 5, lines 34-47).

As per claim 32, Anuff discloses the customizable application system of claim 21, wherein the client is a wireless system (column 3, lines 1-25).

As per claim 33, Anuff discloses a computer readable medium including an internet application, the internet application comprising:

- Metadata defining an application user interface, the application user interface including a user interface element with a user customizable find command, the application user interface configured for delivery to a client and configured to operate as an interface between a user and the internet application, the user customizable find command being customizable with respect to a scope of a search (column 6, lines 35-47);

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- A user interface generator configured to generate the application user interface using a user modifiable data record stored in a location physically remote from the client the user modifiable data record configurable to characterize the user customizable find command (column 4, lines 16-30, column 6, lines 60-67);
- A configuration system configured receive input from a user to modify the user modifiable data record with a property for the find command, the property specifying the scope of the search wherein the application user interface is automatically generated and configured with the property for the find command (column 9, lines 56-61, column 14, lines 27-28).

Anuff does not explicitly disclose:

- The scope of data to be searched customizable to include one of all results of a previously-executed query, a subset of the results of the previously-executed query, and only the results of the previously-executed query that are displayed in the application user interface;
- Wherein the user interface is operable to display an amount of data in response to the previously-executed query;
- Wherein the find command is operable to execute a search within the scope of data with respect to the result of the previously-executed query.

However, in an analogous art, War discloses users performing searches with results of previous searches. War further teaches using a GUI to locate specific regions (paragraphs [0112, 0223, 0233]).



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Therefore, one of ordinary skill in the art at the time the invention was made would have found it obvious to incorporate or implement War's search of previously-executed query and user interface operable to execute search in Anuff's system allowing the user to reduce documents to exactly what they need to find.

As per claim 34, Anuff discloses a computer readable medium including an internet application, the internet application comprising:

- An application designer configured to develop an application user interface, the application user interface including a user interface element with a user customizable find command, the application user interface configured for delivery to a client and configured to operate as an interface between a user and the internet application, the user customizable find command being customizable with respect to a SCOPC Of a Search (column 4, lines 16-30, column 6, lines 60-67);
- A user interface generator configured to generate the application user interface using a user modifiable data record stored in a location physically remote from the client, the user modifiable data record configurable to characterize the user customizable find command (column 4, lines 16-30, column 6, lines 60-67);
- A configuration system configured for a user to modify the user modifiable data record (column 4, lines 16-30, column 6, lines 60-67).

Anuff does not explicitly disclose:

- The scope of data to be searched customizable to include one of all results of a previously-executed query, a subset of the results of the previously-executed query,

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and only the results of the previously-executed query that are displayed in the application user interface;

- Wherein the user interface is operable to display an amount of data in response to the previously-executed query;
- Wherein the find command is operable to execute a search within the scope of data with respect to the result of the previously-executed query.

However, in an analogous art, War discloses users performing searches with results of previous searches. War further teaches using a GUI to locate specific regions (paragraphs [0112, 0223, 0233]).

Therefore, one of ordinary skill in the art at the time the invention was made would have found it obvious to incorporate or implement War's search of previously-executed query and user interface operable to execute search in Anuff's system allowing the user to reduce documents to exactly what they need to find.

As per claim 48, Anuff discloses an application execution system comprising:

- Means for supporting an internet application (column 2, lines 1-10, column 3, lines 5-20);
- Means for generating an application user interface using a user modifiable data record configured to store data characterizing a user customizable find command, the user customizable find command being customizable with respect to the scope of a search (column 4, lines 16-30, column 6, lines 60-67);

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- Means for providing the application user interface to a user, the application user interface including a user interface element, the application user interface configured as an interface between the internet application and the user, the user interface element including the user customizable find command, the user interface element configured for delivery to a client over a computer network (column 9, lines 30-35, column 11, lines 15-35).

Anuff does not explicitly disclose:

- The scope of data to be searched customizable to include one of all results of a previously-executed query, a subset of the results of the previously-executed query, and only the results of the previously-executed query that are displayed in the application user interface;
- Wherein the user interface is operable to display an amount of data in response to the previously-executed query;
- Wherein the find command is operable to execute a search within the scope of data with respect to the result of the previously-executed query.

However, in an analogous art, War discloses users performing searches with results of previous searches. War further teaches using a GUI to locate specific regions (paragraphs [0112, 0223, 0233]).

Therefore, one of ordinary skill in the art at the time the invention was made would have found it obvious to incorporate or implement War's search of previously-executed query and user interface operable to execute search in Anuff's system allowing the user to reduce documents to exactly what they need to find.

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***Response to Arguments***

3. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara N. Burgess whose telephone number is (571) 272-3996. The examiner can normally be reached on M-F (8:00am-4:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Ettinene can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

November 26, 2006

Barbara N Burgess  
Examiner  
Art Unit 2157

  
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